



KIRKBY-IN-ASHFIELD
URBAN DISTRICT
COUNCIL.



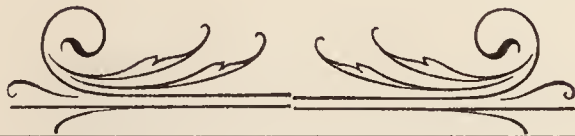
ANNUAL REPORT

— FOR 1923. —

BY

M. E. KAYTON, D.P.H.,

MEDICAL OFFICER OF HEALTH.



KIRKBY-IN-ASHFIELD ;

A. MOORE, PHOENIX PRINTERIES, KINGSWAY.

Kirkby-in-Ashfield Urban District Council.

Chairman :

W. COLLEDGE, Esq., J.P.

Vice-Chairman :

W. RICHARDS, Esq.

Councillors :

East Ward.	West Ward.	South Ward.
T. E. BANKS.	P. F. DAY.	S. BAKER.
J. C. BIRD.	F. RAWSON.	W. COLLEDGE.
J. CRESSWELL.	W. RICHARDS.	W. LEE.
M. H. FOX.	W. SCOTHERN.	W. MATTLEY.
G. HIBBERT.	W. SHARPE.	J. TODD.
J. T. LEA.		
DR. W. McCOMBIE.		

Clerk :

E. B. HIBBERT, Esq., Solicitor.

Medical Officer of Health :

DR. M. E. KAYTON, D.P.H.

Sanitary Inspector & Superintendent of Cleansing :

W. MASSEY, C.R.S.I.

Surveyor :

L. DODSLEY.

Water Manager :

L. LEIVERS.

Gas Manager :

G. M. GRIBBLE.

Health Visitors :

NURSE FACKRELL.

NURSE WHETTON.

Assistant Overseer & Rates Collector :

P. CUPIT.

Rates Clerk :

S. UNWIN.

REPORT.



To the Chairman and Members
of the

Kirkby-in-Ashfield Urban District Council.



GENTLEMEN,

I beg to submit to you my tenth Annual Report on the health and sanitary conditions of your district.

As in preceding years I am embodying in the Report, tables giving the Vital Statistics of the whole district and also sub-divisions of these statistics in Wards.

These are both interesting and full of information for local purposes, shewing us the incidence of births and deaths, in the three component parts of the Urban area.

According to the instructions of the Ministry of Health this will again be an " Ordinary Report."

General Statistics.

The Urban area comprises an acreage of 5814 acres, and the population, according to the census of 1921, was 17,540.

The estimated population as given by the Registrar General for 1923 is 18,220.

The number of houses in the district are :—

	East Ward	West Ward	South Ward	Total
Occupied ...	1780	990	883	3653
Unoccupied ...	—	—	...	—
No. of families on separate occupiers ...			...	4126
Local estimated Population for Ward Rates ...	8900	4950	4415	18265

The rateable value of the district is £67,062, and the sum represented by a penny rate is £242.

The number of births registered during the year was 376, of these 196 were males and 180 females. Fourteen of these were illegitimates, seven boys and seven girls.

This gives a birth-rate for the whole district of 20·6 per 1000 of the population, as compared with 23·5 per 1000 for the preceding year. This is the lowest birth-rate ever recorded in this district, and the decline appears to be very general in the country, as the birth-rate for England and Wales per 1000 of the population is only 19·7.

TABLE I.

Shewing Births in Wards :—

	East Ward	West Ward	South Ward	Totals
1st Quarter ...	38	21	29	88
2nd Quarter ...	52	25	17	94
3rd Quarter ...	47	28	23	98
4th Quarter ...	47	26	23	96
Totals 1923...	184	100	92	376
Totals 1922...	223	98	103	424
Totals 1921...	230	142	112	484
Totals 1920...	254	109	123	486
Totals 1919...	184	111	93	388
Totals 1918...	202	120	114	436
Totals 1917...	204	111	111	426
Totals 1916...	205	98	119	422
Totals 1915...	219	137	109	465
Totals 1914...	232	145	124	501

Births occurring quarterly :—

		Illegitimate							
		Males		Females		Males		Females	
1st Quarter	...	52	...	36	...	5	...	1	
2nd Quarter	...	40	...	54	...	—	...	2	
3rd Quarter	..	49	...	49	...	2	...	2	
4th Quarter	...	55	...	41	...	—	...	2	
		<hr/>		<hr/>		<hr/>		<hr/>	
Totals	1923	...	196		180		7		7
	„ 1922	...	213		211		8		7
	„ 1921	...	253		231		4		12
	„ 1920	...	253		233		10		10
	„ 1919	...	182		206		4		10
	„ 1918	...	218		200		10		8
	„ 1917	...	263		205		6		12
	„ 1916	...	212		193		10		7
	„ 1915	...	234		218		9		4
	„ 1914	...	259		228		4		10

Birth Rate for the whole district for the last 10 years :—

1923	...	20·6	per 1000 of the population.	
1922	...	23·5	„	„
1921	...	27·5	„	„
1920	...	27·9	„	„
1919	...	22·6	„	„
1918	...	24·9	„	„
1917	...	24·6	„	„
1916	...	24·0	„	„
1915	...	27·0	„	„
1914	...	29·0	„	„

The number of deaths registered in this area during the year were 90 males and 97 females, a total of 187; giving a death rate of 10·2 per 1000 of the population and is with the exception of 1916 the lowest death rate on record for the district.

The death rate for England and Wales is 11·6 per 1000.

The classification of deaths is as follows :—

			Males		Females		Total
Measles	...	...	3	...	2	...	5
Scarlet Fever	...	...	1	...	—	...	1
Whooping Cough	...	...	—	...	1	...	1
Diphtheria	...	...	1	...	—	...	1
Meningococcal Meningitis	...	...	—	...	1	...	1
Tuberculosis of Respiratory System	..	...	6	...	6	...	12
Other Tubercular Diseases	...	...	1	...	1	...	2
Cancer	...	...	10	...	10	...	20
Rheumatic Fever	...	...	1	...	1	...	2
Diabetes	...	...	1	...	—	...	1
Cerebral Hæmorrhage,	...	...	5	...	4	...	9
Heart Disease	...	...	5	...	13	...	18
Arterio Sclerosis	...	...	3	...	1	...	4
Bronchitis	...	...	10	...	7	...	17
Pneumonia	...	...	10	...	11	...	21
Other Respiratory Diseases	...	...	1	...	—	...	1
Ulcer of Stomach	..	...	—	...	1	...	1
Diarrhœa	...	...	1	...	1	...	2
Nephritis	...	...	—	...	1	...	1
Puerperal Sepsis	...	...	—	...	2	...	2
Congenital Debility, &c.	...	...	11	...	8	...	19
Suicide	...	...	1	...	—	...	1
Other deaths from violence	...	...	7	...	2	...	9
Other defined diseases	...	...	11	...	21	...	32
Causes ill defined	...	...	1	...	3	...	4
			90		97		187

You will notice there were two deaths from puerperal septicæmia, as compared with nil last year.

There were five deaths from measles, three males and two females ; whooping cough accounted for one death and two were from diarrhœa (under 2 years) one male and one female.

There was no unusual or excessive mortality during the year which calls for any comment. Except that unfortunately Cancer, a malignant disease, appears to be on the increase, it accounts for more deaths than from consumption

One gratifying feature is that a big proportion of the deaths, i.e., 18%, are of those who have lived over 70 years, and in many cases over 80 years.

TABLE II.

Shewing deaths in Wards at all ages :—

	East Ward	West Ward	South Ward	Male	Female	Totals
1st Quarter ..	21	15	6	22	20	42
2nd Quarter ...	24	11	16	27	24	51
3rd Quarter ...	16	6	21	20	23	43
4th Quarter ...	18	15	18	21	30	51
Totals 1923 .	79	47	61	90	97	187
Totals 1922...	90	61	39	102	88	190
Totals 1921...	...	...	...	103	85	188
Totals 1920...	69	44	42	88	91	179
Totals 1919..	83	45	50	...	...	178
Totals 1918...	103	60	68	...	...	231
Totals 1917...	93	51	33	...	...	177
Totals 1916...	70	32	86	...	...	188
Totals 1915...	134	71	55	...	...	260
Totals 1914...	89	46	49	...	...	184

Death Rate for the whole District for the last 10 years :—

1923	...	10·2	per 1000 of the population
1922	...	10·5	„ „
1921	...	10·7	„ „
1920	...	10·5	„ „
1919	...	12·3	„ „
1918	...	16·4	„ „
1917	...	12·7	„ „
1916	...	8·5	„ „
1915	...	16·0	„ „
1914	...	11·0	„ „

Infectious Diseases.

During the year there were 227 cases of Infectious Diseases notified, as compared with 102 cases last year.

There was one death from Scarlet Fever and one from Diphtheria. I am glad to say there have been no deaths from Enteric Fever, only one case being notified, and that in my opinion was an imported one.

There were 26 cases of Pulmonary Tuberculosis notified during the year, as compared with 20 in the preceding year and 12 in the year before that. This does not mean that this disease is on the increase in the district, but it indicates a progressive improvement in the prompt notification of the disease, a point I have been urging in my previous reports.

I regret to have to place on record an epidemic of Small Pox which this district has been afflicted with during the past year. I am under the impression it was imported here from a neighbouring county. Unfortunately, owing to the mildness of the attacks of this species of the disease, the first few cases were overlooked by the general practitioners. As soon as it was discovered, all patients were immediately removed to the Small Pox Hospital, the houses affected were disinfected by means of formaldehyde, both gas and spray, all bedding and textile materials were removed from the houses and disinfected in the steam disinfector, all contacts were strongly advised to be vaccinated, and neighbouring authorities advised as regards contacts affecting their locality, and Chicken Pox was made a notifiable disease.

The great handicap we have had and still have to contend with, is the great prejudice that exists in the

mind of the public against vaccination. There is no contraverting the fact (despite the many faults attributed to vaccination), that it is the only protection we have against Small Pox.

Out of the 121 cases notified during the year, 92 of these, or 76 per cent. were under the age of 25 years, and not one of these has ever been vaccinated; of the other 24 per cent. between the ages of 25 years and 68 years, there were a number who had never been vaccinated and a few who had been vaccinated in infancy.

There was not a single case where the patient had been vaccinated during the seven years previous to the attack, the period for which we say that vaccination renders immunity.

It has happened time after time that the contacts have rejected the advice to be vaccinated, and have subsequently developed Small Pox; this naturally would help to spread the infection, whilst they were still at large with the disease developing in them.

We have had another great difficulty to contend with and that is the tendency of some people to hide the disease until several of the members of the family have been infected, and possibly many other people too.

I am strongly of the opinion that we shall never be able to rid the country of this disease until every person has been rendered immune by vaccination or by having had the disease.

TABLE I.

Showing Notifiable Zymotic Diseases :—

	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and over	Totals
Small Pox	4	13	55	20	18	10	1	121
Scarlet Fever	...	4	14	3	3	...	...	24
Diphtheria & Membraneous Croup	...	5	1	1	...	...	...	7
Typhoid Fever	...	...	1	...	...	...	...	1
Erysipelas	...	...	...	2	1	7	...	10
Puerperal Fever	...	...	...	1	...	...	...	1
Pneumonia (all forms)	...	3	4	4	6	...	...	17
Phthisis	...	...	5	11	5	4	1	26
Other Tuber- cular Diseases	...	...	3	3	1	1	...	8
Ophthalmia Neonatorum	1	...	...	...	...	...	...	1
Chicken Pox	1	4	3	1	1	...	...	10
Cerebro Spinal Meningitis	...	...	1	...	...	...	...	1

TABLE II.

Showing Zymotic Diseases occurring in Wards :—

	East Ward	West Ward	South Ward
Small Pox	59	14	48
Scarlet Fever	14	6	4
Diphtheria and Membraneous Croup	1	3	3
Erysipelas	3	5	2
Typhoid Fever ... ..	...	...	1
Puerperal Fever ... ..	...	1	...
Pneumonia, all forms ...	6	2	9
Phthisis	13	8	5
Other Tubercular Diseases	5	2	1
Ophthalmia Neonatorum	1	...	..
Chicken Pox	4	2	4
Cerebro Spinal Meningitis ... ..	...	...	1

TABLE III.

Showing Notifiable Diseases occurring in months :—

	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Small Pox ...	.	.	...	.	...	17	33	10	15	7	6	33	121
Scarlet Fever ...	4	4	4	2	...	2	.	...	2	2	1	3	24
Diphtheria and Membraneous Croup ...	1	..	2	...		1	..	1	...	1	1	.	7
Typhoid Fever	.	...	.	...	...	...	.		1	...	...	...	1
Erysipelas ...	2	.		.	.	...	1	2	2	3	.	...	10
Puerpeal Fever	.	.	...	.	.	...	1	..	.	...	...	...	1
Pneumonia (all forms) ...	2	2	..	2	2	1	1	...	1	2	1	3	17
Phthisis ...	3	4	4	...	3	4	1	3	1	1	..	2	26
Other Tubercular Diseases	.	.	3	.	.	1	1	..	1	.	.	2	8
Ophthalmia Neonatorum ...	.	.	.	.	...	...	1	...	...	...	...	...	1
Chicken Pox ...			...	.	.	...	.	6	...	.	2	2	10
Cerebro Spinal Meningitis ...	...	.	...	...	...	...	...	1	...	...	...	...	1

Infectious Diseases.		Total Cases Notified	Cases admitted to Hospital	Total Deaths
Small Pox	...	121	119	—
Scarlet Fever	...	24	—	1
Diphtheria and Membraneous Croup		7	—	1
Typhoid Fever	...	1	—	—
Erysipelas	...	10	—	—
Puerperal Fever	...	1	—	—
Pneumonia, all forms		17	—	21
Chicken Pox	...	10	—	—
Cerebro Spinal Meningitis	...	1	1	1
Pulmonary Tuberculosis :				
	M 9	} 26		M 6
	F 7			F 6
Non-pulmonary :				
	M 5	} 8		M 1
	F 3			F 1

Ophthalmia Neonatorum :

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Notified	Treated at home	In Hospital				
1	1	—	1	—	—	—

Infantile Mortality.

There were 31 deaths of infants under one year registered during the year, of these 16 were boys and 15 girls ; and included are two illegitimate boys and one illegitimate girl.

This gives an infantile mortality for the year of 82.8 per 1000 births, and with the exception of the year 1916 is the lowest infantile death rate on record.

The classification of Infantile deaths is as follows :

Prematurity	...	...	...	13
Broncho Pneumonia	...	...	...	3
Pneumonia	...	...	...	1
Bronchitis	...	...	...	2
Marasmus	...	...	...	3
Meningocele	...	...	...	1
Icterces Neonatorum	...	...	...	1
Congenital Debility	...	...	...	1
Convulsions	...	...	...	3
Spina Bifida	...	...	...	2
Atelectasis	...	...	...	1
				<hr/>
				31
				<hr/>

Infantile Mortality occurring quarterly in Wards :—

		East Ward	West Ward	South Ward
1st Quarter	...	2	2	1
2nd ,,	...	7	3	1
3rd ,,	...	4	0	4
4th ,,	...	0	1	6
		<hr/> 13 <hr/>	<hr/> 6 <hr/>	<hr/> 12 <hr/>

Infantile death rate in Wards for the last ten years :—

1923	...	70'6	60'0	130'4
1922	...	85'2	91'8	135'9
1921	...	86'9	98'5	133'9
1920	...	90'5	55'0	81'3
1919	...	108'9	53'5	141'3
1918	...	118'8	41'6	96'4
1917	...	93'0	117'1	90'0
1916	...	73'1	81'6	75'6
1915	...	205'4	109'4	183'4
1914	...	112'0	82'0	145'1

Infantile mortality for whole district for the last ten years :—

1923	...	82'8	1918	...	97'7
1922	...	99'0	1917	...	99'7
1921	...	102'7	1916	...	75'8
1920	...	85'9	1915	...	172'0
1919	...	100'5	1914	...	111'7

Maternity and Child Welfare.

The was 71 meetings held during the year, distributed as follows :

East Ward 48 meetings, with an average attendance of 25 mothers and 32 children ; South Ward 11 meetings, with average attendance of 20 mothers and 28 children ; West Ward 12 meetings were held average attendance 22 mothers and 27 children.

During the year there was sold approximately 2304 lbs. of Glaxo, 120 lbs. of Ambrosia, 392 lbs. of Virol and 36 tins of Lactagol. We have given away free to necessitous cases 180 lbs. of Glaxo, 30 lbs. Ambrosia, 47 lbs. Virol, and 15 tins of Lactagol.

Health Visitors' Report, 1923

Births registered ...	Legitimate 365.	Illegitimate 11.	Total...376
Births notified ...	Live Births 386.	Still Births 13.	„ ...399
„ „ ...	By Midwives 291.	By Doctors 108.	„ ...399

Infantile Deaths ...	16 Males.	15 Females.	„ ... 31
	29 Legitimate.	2 Illegitimate.	„ ... 31

Rate per 1000...82'8 Birth Rate 20'6

Total number of Visits ...	To expectant mothers ...	Total...173
„ „ ...	To the newly born ...	„ ...334
„ „ ...	To Infants under 1 year	„ ...1140
„ „ ...	Special Visits	„ ... 22
	... To Children over 1 & under 5 yrs. ..	4830

Total 6499

The above consists of work done in the two districts into which the parish is divided.

NURSE FACKRELL.

169 Visits to the newly born.

638 Revisits to children under 1 year of age.

2587 Revisits to children over 1 year and under 5 years.

118 Ante Natal visits.

22 Special visits to children with Pneumonia.

2400 Homes visited.

NURSE WHETTON.

165 Visits to the newly born.

502 Visits to children under 1 year of age.

2243 Re-visits to children over 1 year and under 5 years.

55 Ante Natal visits.

2203 Homes visited.

Sanitary Administration.

Water Supply

During the year a duplicate water main was laid from the Water Works in Noman's Hollow, to the reservoir, but the provision of further reservoir accommodation still remains in abeyance. A balancing tank was also erected in Titchfield Park and by this means a constant supply of water is now given to that part of the district, thus overcoming the dangers of an intermittent supply which has been experienced for a number of years in that area.

The following is the closet accommodation of the district :—

Water Closets	...	1120
Pail Closets	... ..	2518
Waste Water Closets	...	2
Midden Privies	...	6

I referred last year in my Report to the large number of pail closets in the district, and urged the Council to consider a scheme for conversion of this class of accommodation into Water Closets. I again ask you to take this matter into your serious consideration. Whilst very considerable progress has been made during the last 20 years in improving the sanitary conditions of the district, it is very unsatisfactory to know that so many pail closets remain, and we should not rest satisfied until all these have been replaced by water closets and all ashpits abolished and dust bins substituted.

The Scavenging of the district is done by the Council's workmen, under the direction of the Sanitary Inspector.

During the year 3221 loads of nightsoil were collected and disposed of to farmers and gardens holders by the night shift, 6171 loads of refuse were collected by the day shift.

The refuse destructor was enlarged by the addition of another cell during the year, this enables us to deal with most of the refuse from the East and West Wards at the destructor. That collected in the South Ward is deposited at a convenient tip in that Ward. Sewage.

The following nuisances have been dealt with by means of informal and statutory notices, in all cases abatements were secured without legal proceedings being necessary.

House drains unstopped and cleansed	...	263
Closet pails renewed	...	143
Dust bins renewed	..	35
Defective water closets made good	...	5
Old drains taken up and relaid	...	11
Ashpits abolished & dust bins substituted...		6
Insanitary houses made good	...	62
Paving of yards	...	7
Nuisances from keeping animals	...	3
Overcrowding	...	1
Deposit of Manure	...	1
Total cases dealt with	...	537.

The milk producing cows in the district were examined twice during the year by your Veterinary Inspector, accompanied by your Sanitary Inspector, and it is very gratifying to report that the improved quality of milk cows and condition under which they are kept, still continues to be well maintained. FOOD.

There are 45 registered milk producers in the district, and two wholesalers of sterilized milk. There are also 52 registered retail purveyors of milk.

There are 13 private slaughter houses in the district, which are licensed annually and systematically inspected.

During the year 6 stones of fish and 101 tins of fruit and fish were condemned and destroyed.

The Public Health Staff consists of the Medical Officer of Health (part time) one Sanitary Inspector and two Health Visitors (whole time.)

The following tests were made in the laboratory :—

Thirteen for tubercular bacilli. Three were found to be positive, three were of a suspicious character, and seven were negative. Six samples of milk were submitted for examination and in each case were found to be of good quality.

Sewage.

The Sewage Disposal Works situate in Park Lane deal with the sewage from the East, West and a portion of the South Ward. The effluent obtained since the installation of the additional filter bed is good, but the new sludge beds cannot be regarded as a success. Not only is the ground unsuitable for the purpose of drying sludge, but their situation renders them a nuisance to the public footpath near by.

In conclusion, allow me, gentlemen, to take this opportunity of thanking you on behalf of myself and the Health Staff for the invariable courtesy with which you have treated us during the year, and with which you have received our suggestions regarding the improvement of the Sanitary conditions of the district.

I wish also, to avail myself of this opportunity to thank Mr. Massey, your able Sanitary Inspector, for his continued and active assistance and co-operation in all the Sanitary work of the district, and also in doing the main work in the laboratory in examining sputa, swabs, &c., under my supervision.

I have the honour to be, Gentlemen,

Your obedient servant,

MAURICE E. KAYTON,

APPENDIX.

GENERAL STATISTICS.

Area (acres)	...	...	...	5814
Population (1923)	...	...	...	18220
No. of inhabited houses (1921)	...	...	...	3615
No. of families or separate occupiers (1921)	...	...	...	4026
Rateable value	...	...	...	£67062
Sum represented by a penny rate	...	...	...	£242

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Births. Legitimate ... 189 Males. 169 Females.

Illegitimate ... 7 „ 9 „

Birth Rate ... 20·6.

Deaths ... 90 Males. 97 Females.

Death Rate 10·2.

No. of women dying in, or in consequence of, childbirth 2

Deaths of infants under one year of age, per 1000 births.

Legitimate 3 = 187·5. Illegitimate 28 = 78·2

Total ... 31 = 82·8

Deaths from Measles, all ages ... 5

„ Whooping Cough, all ages 1

„ Diarrhoea, under 2 yrs. of age 1

HOUSING.

Number of new houses erected during the year

(a) Total ... 27

(b) With State assistance under the
Housing Acts, 1919 or 1923.

(i) By the Local Authority.

(ii) By other bodies or persons. ... Nil

1. Unfit dwelling houses.

Inspection—(1) Total number of dwelling houses
inspected for housing defects (under Public
Health or Housing Acts.) ... 537

(2) Number of dwelling-houses which were in-
spected and recorded under the Housing
(Inspection of District) Regulations, 1910 —

(3) Number of dwelling-houses found to be in a
state so dangerous or injurious to health as
to be unfit for human habitation ... —

(4) Number of dwelling-houses (exclusive of
those referred to under the preceding sub-
heading) found not to be in all respects
reasonably fit for human habitation ... 62

2. Remedy of Defects without Service of formal Notices.

Number of defective dwelling-houses rendered fit
in consequence of informal action by the
Local Authority or their Officers ... 62

3. Action under Statutory Powers.

A—Proceeding under section 28 of the Housing,
Town Planning, &c., Act, 1919

(1) Number of dwelling-houses in respect of
which notices were served requiring repairs 537

(2) Number of dwelling-houses which were rendered fit:—

(a) by owners

537

(b) by Local Authority in default of owners

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close

B—Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied

(2) Number of dwelling-houses in which defects were remedied

(a) by owners

(b) by Local Authority in default of owners

C—Proceedings under sections 17 and 18 of the Housing, Town Planning, &c., Act, 1909

(1) Number of representations made with a view to the making of Closing Orders ...

(2) Number of dwelling-houses in respect of which Closing Orders were made ...

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ...

(4) Number of dwelling-houses in respect of which demolition Orders were made ...

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ...

Vital Statistics from 1896 (a) for the whole District (b) for each Ward.

For Whole District.										For Wards.				
Year	Houses occup'd	Estim't'd populat'n	Birth rate	Death rate at all ages	Infant Death-Rate	Ward	Houses	Populat'n	Birth-Rate	Death-Rate	Infant Death-Rate			
1896	1704	8520	39'5	18'5	186'9	East West South	684 420 600	3420 2100 3000	45'2 35'1 43'1	19'3 18'2 18'1	184'6 170'5 176'9			
1900	2108	10034	39'9	19'9	204'4	East West South	741 645 722	3705 3225 3610	48'8 33'1 31'3	23'7 20'4 9'8	243'0 214'9 132'7			
1904	2751	13755	37'8	12'6	165'0	East West South	1193 804 754	5695 4020 3770	39'9 30'3 42'7	11'5 11'6 15'6	163'8 180'3 155'2			
1908	3165	16442	33'0	11'8	139'9	East West South	1409 930 820	7318 4863 4261	37'6 36'1 35'1	11'4 13'6 12'9	130'6 157'7 145'4			
1910	3269	17000	30'6	12'5	145'8	East West South	1481 915 844	7690 4934 4376	32'3 30'8 27'4	11'5 14'3 12'3	136'5 177'6 125'0			
1911	3198	15379	34'2	10'9	132'8	East West South	1456 923 819	7015 4581 3782	44'7 31'7 22'7	12'1 8'7 10'5	152'5 107'7 129'0			
1912	3325	16625	28'5	11'5	123'0	East West South	1533 958 834	7665 4790 4170	30'7 26'1 26'3	12'2 11'0 9'3	114'4 104'0 154'5			
1913	3353	16740	30'16	11'7	120'7	East West South	1537 961 850	7685 4805 4250	32'7 28'4 27'4	12'3 10'1 9'1	142'8 96'3 101'7			
1914	3381	16905	29'0	11'0	111'7	East West South	1552 970 859	7760 4850 4295	29'8 29'9 28'8	11'2 9'4 11'4	112'0 82'0 145'1			
1915	3433	17160	27'0	14'7	172'0	East West South	1592 973 867	7960 4965 4335	27'5 28'1 22'8	16'5 14'5 12'6	205'4 109'4 183'4			
1916	3514	17570	24'01	8'5	75'8	East West South	1661 980 874	8305 4900 4365	24'6 20'0 27'2	8'4 6'5 8'4	73'1 81'6 75'6			
*1917	3524	17469	24'6	12'7	99'7	East West South	1666 980 878	8330 4900 4390	24'4 22'6 25'2	11'1 10'4 7'3	93'0 117'1 90'0			
*1918	3539	17613	24'9	16'3	97'7	East West South	1680 980 879	8400 4900 4395	24'0 24'5 23'6	12'2 12'2 15'4	118'8 41'6 96'4			
*1919	3551	17092	22'6	12'3	105'6	East West South	1692 980 879	8142 4705 4245	22'5 23'6 21'9	10'1 9'6 11'7	108'9 53'5 141'3			
*1920	3565	17062	22'9	10'5	85'9	East West South	1706 980 879	8530 4900 4395	29'7 22'2 27'9	8'0 8'9 9'5	90'5 55'0 81'3			
1921	3615	17540	27'1	10'7	102'7	East West South	1754 981 880	8508 4763 4263	27'0 29'8 26'2	9'1 12'5 14'2	86'9 98'5 133'9			
1922	3626	18030	23'5	10'5	99'0	East West South	1762 982 882	8760 4885 4385	25'4 20'0 23'4	10'2 12'4 8'9	85'2 91'8 135'9			
1923	3653	18220	20'6	10'2	82'8	East West South	1780 990 883	8950 4950 4415	20'6 20'2 20'7	8'8 9'4 13'8	70'6 60'0 130'4			

*These figures are worked on the Registrar General's figures and the Local Registrar's Returns.

